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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/616,884
	Filing Date	July 10, 2003
	First Named Inventor	HATCHER et al.
	Art Unit	1615
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	5853-428

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/08B; References; and 1 Postcard.
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Neil R. Jetter AKERMAN SENTERFITT
Signature	
Date	July 14, 2004

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Typed or printed name	Neil R. Jetter
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Date	July 14, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of HATCHER, et al.

Application No.: 10/616,884

Examiner:

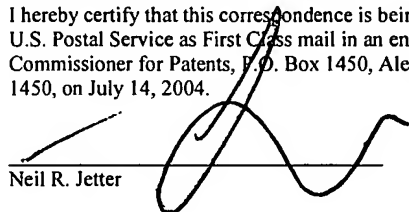
Date Filed: July 10, 2003

Group: 1615

For: SOL-GEL DERIVED BIOACTIVE GLASS POLYMER COMPOSITE

CERTIFICATE UNDER 37 CFR 1.8(a)

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Neil R. Jetter

Commissioner for Patents
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Date: July 14, 2004

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the Duty to Disclose under 37 C.F.R. §1.56, Applicants hereby disclose information that may be relevant to the Examiner's consideration of the above-identified application and the patentability of its claims.

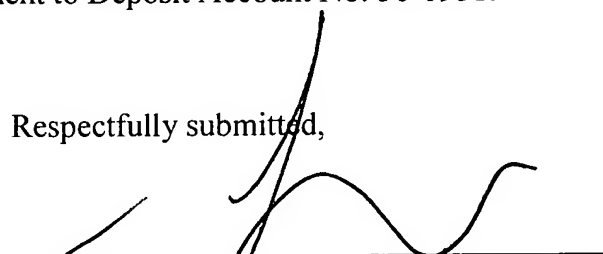
In accordance with Rules 56, 97, and 98 of the Rules of Practice in Patent Cases (37 C.F.R. §§ 1.56, 1.97, and 1.98), Form PTO/SB/08B and copies of references cited therein are submitted for consideration by the Examiner. While the references provided in this Information Disclosure Statement may be material to patentability pursuant to 37 C.F.R. § 1.56, it is not intended to constitute an admission that any reference referred to herein is prior art for this invention unless specially designated as such. Also, in accordance with 37 C.F.R. § 1.97(g), the

In re Application of: HATCHER et al.
Application No.: 10/616,884
Filed: July 10, 2003
Group Art Unit: 1615
For: SOL-GEL DERIVED BIOACTIVE GLASS
POLYMER COMPOSITE

filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

This Information Disclosure Statement is being filed before the issuance of a first office action on the merits of the application (37 C.F.R. 1.97(b)(3)); therefore, no fee is believed to be due. However, if any fee is due, the Commissioner is authorized to charge any such fee and any additional fees due or credit any overpayment to Deposit Account No. 50-0951.

Respectfully submitted,



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Docket No. 5853-428



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/616,884
		Filing Date	July 10, 2003
		First Named Inventor	HATCHER et al.
		Art Unit	
Examiner Name		Attorney Docket Number	5853-428
Sheet	1	of	1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ORÉFICE, et al., "Novel sol-gel bioactive fibers," Journal of Biomedical Materials Research, 55(4):460-467, 2001.	
		DOMINGUES et al., "A sol-gel derived bioactive fibrous mesh," Journal of Biomedical Materials Research, 55(4):468-474, 2001.	
		BRINKER et al., "SOL-GEL SCIENCE: The Physics and Chemistry of Sol-Gel Processing," San Diego: Academic Press, 1990.	
		OTSUBO, Y., "Rheology of colloidal suspensions flocculated by reversible bridging," Chemical Engineering Science, 56:2939-2946, 2001.	
		ÅGREN et al., "Phase Behavior and Structural Changes in Tetraethylorthosilicate-Derived Gels in the Presence of Polyethylene Glycol, Studied by Rheological Techniques and Visual Observations," Journal of Colloid and Interface Science, 204:45-52, 1998.	
		BIGGS et al., "Aggregate structures formed via a bridging flocculation mechanism," Chemical Engineering Journal, 80:13-22, 2000.	
		KOKUBO et al., "Solutions able to reproduce in vivo surface-structure changes in bioactive glass-ceramic A-W3," Journal of Biomedical Materials Research, 24:721-734, 1990.	
		YUAN et al., "Bone Induction by Porous Glass Ceramic Made from Bioglass (45S5)," Journal of Biomedical Materials Research, 58:270-276, 2001.	
		SMITH et al., "Calcium Phosphate Hydroxide," JCPDS International Center for Diffraction Data, CAS#1306-06-5-1996.	
		SIRCAR, A., "An introduction to glass and glass fiber manufacturing technology with application to nonwoven process," Tappi Journal 76:167-175, 1993.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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